

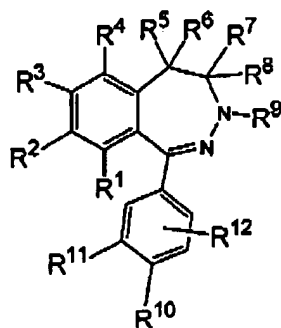
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AMENDMENT AND RESPONSE TO OFFICE ACTION

In the claims

1. (amended) A compound of Formula I:



wherein

 R^1 , R^2 , R^3 and R^4 are independently

H,

HO,

 $R^{13}O-$,

Halogen[(F, Cl, Br)],

C1-C3-alkyl,

 CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$,

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 $R^{14}O_2S-$, $R^{14}OS-$, $\underline{R^{14}S-}$ or $R^{15}R^{16}N-$; or R^1 and R^2 , or R^2 and R^3 , or R^3 and R^4 taken together can be $-SCH_2S-$, $-SCH_2O-$, $-OCH_2S-$, $-SCH_2CH_2S-$, $-SCH_2CH_2O-$, or $-OCH_2CH_2S-$;wherein one of R^1 , R^2 , R^3 and R^4 must be C1-C3-alkoxy or C1-C3-alkylthio group; R^5 , R^6 , R^7 , and R^8 are independently

H,

C1-C6-alkyl,

C3-C6-alkenyl,

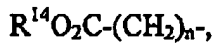
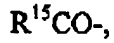
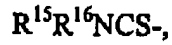
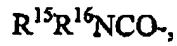
C3-C6-cycloalkyl,

phenyl or substituted phenyl, wherein the phenyl is substituted with one or two substituents, C1-C3-alkyl, halogen[(F, Cl, Br)], $R^{13}O-$, CF_3- , $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}CO$, $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CONH-$, $R^{14}NHCO$; or

 R^5 and R^6 taken together can be C3-C6-cycloalkyl; R^7 and R^8 taken together can be C3-C6-cycloalkyl;

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R⁹ is



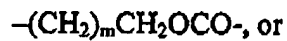
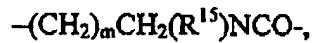
H,

C1-C6-alkyl,

C3-C6-alkenyl, or

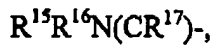
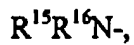
C3-C6-cycloalkyl; or

R⁸ and R⁹ taken together can be



R¹⁰ and R¹¹ are independently

H,



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$R^{14}HNCO-$, or

$R^{14}CONH-$;

a'
 R^{12} is

H,

Halogen[(F, Cl, Br)],

HO,

$R^{13}O-$,

$R^{15}R^{16}N-$,

C1-C3-alkyl,

CF_3 ,

$R^{14}CO_2-$,

$R^{14}CO-$, or

$R^{14}CONH-$;

R^{13} is C1-C3-alkyl;

R^{14} is H or C1-C3-alkyl;

R^{15} and R^{16} are independently

H,

C1-C10-alkyl,

C1-C6-perfluoroalkyl,

C3-C10-alkenyl, or

C3-C6-cycloalkyl; or

R^{15} and R^{16} taken together can be C3-C6-cycloalkyl;

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R^{17} is C1-C6-alkyl, C3-C6-alkenyl, or C3-C6-cycloalkyl;

n is 1 to 6;

m is 0 to 2;

and pharmaceutically acceptable salts thereof;

wherein R^{10} and R^{11} cannot be both H.

2. (amended) The compound of claim 1 of Formula I wherein

one of four substituents of R^1 , R^2 , R^3 and R^4 must be C1-C3-alkylthio group or C1-C3-alkoxy group, the other substituents are independently H, $R^{13}O-$, $[R^{13}S-] R^{14}S-$, halogen[(F, Cl, Br)], or C1-C3-alkyl;

R^2 and R^3 taken together can be $-SCH_2S-$, $-SCH_2O-$, or $-OCH_2S-$;

R^9 is

$R^{15}R^{16}NCO-$,

$R^{15}R^{16}NCS-$,

$R^{15}R^{16}N(CR^{17})-$,

$R^{17}OCO-$, or

$R^{15}CO-$, or]

H;

R^{10} and R^{11} are independently H, H_2N- , or CH_3CONH- ; and pharmaceutically acceptable salts thereof.

3. (amended) A composition comprising [The]the compound of claim 2 and [further comprising] a pharmaceutically acceptable carrier.

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a' 4. (amended) The [compound] composition of claim 3 in a dosage form comprising a therapeutically effective amount of the compound for treating a disorder in a patient associated with excessive activation of the α -amino-3-hydroxy-5-methyl-4-isooxazolepropionic acid (AMPA) subtype of the ionotropic excitatory amino acid (EAA) receptors.

5. (amended) The compound of claim 2 of Formula I selected from the group consisting of

1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-7-methoxy-5H-2,3-benzodiazepine, [1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-8-methoxy-5H-2,3-benzodiazepine,] 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-methylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-ethylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-propylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-butylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-acetyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-methylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-ethylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-propylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-butylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-methylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-ethylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-propylcarbamoyl-8-methoxy-5H-2,3-

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benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-butylcarbamoyl-8-methoxy-5H-
 2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-acetyl-8-methoxy-5H-
 2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-methylcarbamoyl-8-
 methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-
 ethylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-
 methyl-3-propylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-
 3,5-dihydro-4-methyl-3-butylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-
 Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-
 Aminophenyl)-3,5-dihydro-4-methyl-3-methylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine,
 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-ethylcarbamoyl-7-methylthio-5H-2,3-
 benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-propylcarbamoyl-7-methylthio-5H-
 2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-butylcarbamoyl-7-methylthio-
 5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-acetyl-7-
 methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-
 methylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-
 dihydro-4-methyl-3-ethylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-
 8-amino-3,5-dihydro-4-methyl-3-propylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-
 Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-butylcarbamoyl-7-methylthio-5H-2,3-
 benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-8-methylthio-5H-2,3-
 benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-methylcarbamoyl-8-methylthio-
 5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-ethylcarbamoyl-8-
 methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-

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a' propylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-butylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-acetyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-methylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-ethylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-propylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, and 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-butylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine.

6. (amended) A composition comprising [The] the compound of claim 5 [further comprising] and a pharmaceutically acceptable carrier.

7. (amended) The [compound] composition of claim 6 in a dosage form comprising a therapeutically effective amount of the compound for treating a disorder in a patient associated with excessive activation of the α -amino-3-hydroxy-5-methyl-4-isooxazolepropionic acid (AMPA) subtype of the ionotropic excitatory amino acid (EAA) receptors.

8. (amended) A composition comprising the [The] compound of claim 1 [further comprising] and a pharmaceutically acceptable carrier.

9. (amended) The [compound] composition of claim 8 in a dosage form comprising a therapeutically effective amount of the compound for treating a disorder in a patient associated with excessive activation of the α -amino-3-hydroxy-5-methyl-4-isooxazolepropionic acid (AMPA) subtype of the ionotropic excitatory amino acid (EAA) receptors.

10. (amended) A method for treating a patient having a disorder associated with excessive activation of the α -amino-3-hydroxy-5-methyl-4-isooxazolepropionic acid (AMPA)

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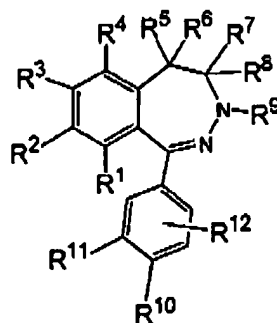
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subtype of the ionotropic excitatory amino acid (EAA) receptors, the method comprising

administering to the patient, in an effective amount to alleviate the symptoms of the disorder, a

compound of Formula I:



wherein

 R^1 , R^2 , R^3 and R^4 are independently

H,

HO,

 $R^{13}O-$,

halogen[(F, Cl, Br)],

C1-C3-alkyl,

 CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$,

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 $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $\underline{R^{14}S-}$, or $R^{15}R^{16}N-$; or R^1 and R^2 , or R^2 and R^3 , or R^3 and R^4 taken together can be $-SCH_2S-$, $-SCH_2O-$, $-OCH_2S-$, $-SCH_2CH_2S-$, $-SCH_2CH_2O-$, or $-OCH_2CH_2S-$;wherein one of R^1 , R^2 , R^3 and R^4 must be C1-C3-alkoxy or C1-C3-alkylthio group; R^5 , R^6 , R^7 , and R^8 are independently

H,

C1-C6-alkyl,

C3-C6-alkenyl,

C3-C6-cycloalkyl,

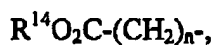
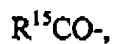
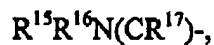
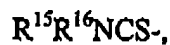
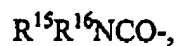
phenyl or substituted phenyl, wherein the phenyl is substituted with one or two

substituents, C1-C3-alkyl, halogen[(F, Cl, Br)], $R^{13}O-$, CF_3- , $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}CO$, $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CONH-$, $R^{14}NHCO$; or R^5 and R^6 taken together can be C3-C6-cycloalkyl;

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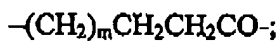
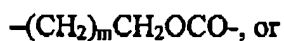
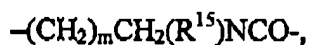
 R^7 and R^8 taken together can be C3-C6-cycloalkyl; R^9 is

H,

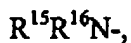
C1-C6-alkyl,

C3-C6-alkenyl, or

C3-C6-cycloalkyl; or

 R^8 and R^9 taken together can be R^{10} and R^{11} are independently

H,



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 $R^{15}R^{16}N(CR^{17})-$, $R^{14}HNCO-$, or $R^{14}CONH-$; R^{12} is

H,

.. Halogen[(F, Cl, Br)],

HO,

 $R^{13}O-$, $R^{15}R^{16}N-$,

C1-C3-alkyl,

 CF_3 , $R^{14}CO_2-$, $R^{14}CO-$, or $R^{14}CONH-$; R^{13} is C1-C3-alkyl; R^{14} is H or C1-C3-alkyl; R^{15} and R^{16} are independently

H,

C1-C10-alkyl,

C1-C6-perfluoroalkyl,

C3-C10-alkenyl, or

C3-C6-cycloalkyl; or

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R^{15} and R^{16} taken together can be C3-C6-cycloalkyl;

R^{17} is C1-C6-alkyl, C3-C6-alkenyl, or C3-C6-cycloalkyl;

n is 1 to 6;

m is 0 to 2;

and pharmaceutically acceptable salts thereof;

wherein R^{10} and R^{11} cannot be both H,

in combination with a pharmaceutically acceptable carrier.

11. (amended) The method of claim 10 wherein, in the compound of Formula I, one of four substituents of R^1 , R^2 , R^3 and R^4 must be C1-C3-alkylthio group or C1-C3-alkoxy group, the other substituents are independently H, $R^{13}O-$, $[R^{13}S-] R^{14}S-$, halogen[(F, Cl, Br)], or C1-C3-alkyl;

R^2 and R^3 taken together can be $-SCH_2S-$, $-SCH_2O-$, or $-OCH_2S-$;

R^9 is

$R^{15}R^{16}NCO-$,

$R^{15}R^{16}NCS-$,

$R^{15}R^{16}N(CR^{17})-$,

$R^{17}OCO-$, or

$R^{15}CO-$, or]

H;

R^{10} and R^{11} are independently H, H_2N- , or CH_3CONH- ; and pharmaceutically acceptable salts thereof.

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13. (amended) The method of claim 11 wherein the compound of Formula I is selected

from the group consisting of

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1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-7-methoxy-5H-2,3-benzodiazepine,
 [1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-8-methoxy-5H-2,3-benzodiazepine,] 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-methylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-ethylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-propylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-butylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-acetyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-methylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-ethylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-propylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-butylcarbamoyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-methylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-ethylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-propylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-butylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-acetyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-methylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-

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ethylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-propylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-butylcarbamoyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-methylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-ethylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-propylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-butylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-acetyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-methylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-ethylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-propylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-3,5-dihydro-4-methyl-3-butylcarbamoyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-acetyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-methylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-ethylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-propylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-3,5-dihydro-4-methyl-3-butylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-acetyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-methylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine, 1-(4-

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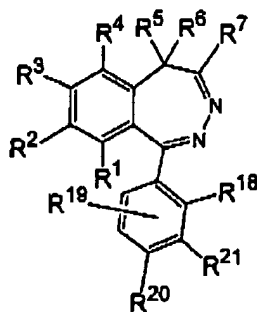
Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-ethylcarbamoyl-8-methylthio-5H-2,3-

benzodiazepine, 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-propylcarbamoyl-8-

methylthio-5H-2,3-benzodiazepine, and 1-(4-Aminophenyl)-7-amino-3,5-dihydro-4-methyl-3-

butylcarbamoyl-8-methylthio-5H-2,3-benzodiazepine.

16. (amended) A compound of Formula II:



wherein

 R^1 , R^2 , R^3 and R^4 are independently

H,

HO,

 $R^{13}O-$,

Halogen[(F, Cl, Br)],

C1-C3-alkyl,

 CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$,

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 $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}S-$, or $R^{15}R^{16}N-$; or R^2 is one of H, HO, $R^{13}O-$, halogen, C1-C3-alkyl, CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}S-$ and $R^{15}R^{16}N-$ when R^3 is one of HO, halogen, C1-C3-alkyl, CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}S-$, and $R^{15}R^{16}N-$; or R^2 is one of H, HO, halogen, C1-C3-alkyl, CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}S-$ and $R^{15}R^{16}N-$ when R^3 is one ofH, HO, $R^{13}O-$, halogen, C1-C3-alkyl, CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}S-$, and $R^{15}R^{16}N-$; or R^1 and R^2 , or R^2 and R^3 , or R^3 and R^4 taken together can be $-SCH_2S-$, $-SCH_2O-$, $-OCH_2S-$, $-SCH_2CH_2S-$, $-SCH_2CH_2O-$, or $-OCH_2CH_2S-$; ora³

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one of four substituents of R^1 , R^2 , R^3 and R^4 must be C1-C3-alkoxy or C1-C3-alkylthio group;

R^5 , R^6 , and R^7 are independently

H,

C1-C6-alkyl,

C3-C6-alkenyl,

C3-C6-cycloalkyl, or

phenyl or substituted phenyl, wherein the phenyl is substituted with one or two substituents, C1-C3-alkyl, halogen[(F, Cl, Br)], $R^{13}O-$, CF_3- , $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}CO$, $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CONH-$, $R^{14}NHCO$; or

R^5 and R^6 taken together can be C3-C6-cycloalkyl;

R^{13} is C1-C3-alkyl;

R^{14} is H or C1-C3-alkyl;

R^{15} and R^{16} are independently

H,

C1-C10-alkyl,

C1-C6-perfluoroalkyl,

C3-C10-alkenyl, or

C3-C6-cycloalkyl; or

R^{15} and R^{16} taken together can be C3-C6-cycloalkyl;

[R^{17} is C1-C6-alkyl, C3-C6-alkenyl, or C3-C6-cycloalkyl;]

R^{18} and R^{19} are independently

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H,

Halogen[(F, Cl, Br)],

C1-C3-alkyl,

 $R^{14}O-$, CF_3- , or. $R^{14}CO_2-$; R^{20} and R^{21} are independently

H,

 $R^{15}R^{16}N-$, $R^{15}HNC(NH)-$, or $R^{14}CONH-$;

and pharmaceutically acceptable salts thereof;

wherein R^{20} and R^{21} cannot both be H.

17. (amended) The compound of claim 16 of Formula II wherein

one of four substituents of R^1 , R^2 , R^3 and R^4 must be C1-C3-alkylthio or C1-C3-alkoxy group, the other substituents are independently H, $R^{13}O-$, $R^{13}S-$, halogen[(F, Cl, Br)], or C1-C3-alkyl; R^2 and R^3 taken together can be $-SCH_2S-$, $-SCH_2O-$, or $-OCH_2S-$; R^{20} and R^{21} are independently H, H_2N- , or CH_3CONH- ; and pharmaceutically acceptable salts thereof.

18. (amended) A composition comprising the [The] compound of claim 17 [further comprising] and a pharmaceutically acceptable carrier.

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19. (amended) The composition [compound] of claim 18 in a dosage form comprising a therapeutically effective amount of the compound for treating a disorder in a patient associated with excessive activation of the α -amino-3-hydroxy-5-methyl-4-isooxazolepropionic acid (AMPA) subtype of the ionotropic excitatory amino acid (EAA) receptors.

20. (amended) The compound of claim 17 of Formula II selected from the group consisting of

1-(4-Aminophenyl)-4-methyl-7-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-4-methyl-7-methoxy-5H-2,3-benzodiazepine, [1-(4-Aminophenyl)-4-methyl-8-methoxy-5H-2,3-benzodiazepine,] 1-(4-Aminophenyl)-7-amino-4-methyl-8-methoxy-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-4-methyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-8-amino-4-methyl-7-methylthio-5H-2,3-benzodiazepine, 1-(4-Aminophenyl)-4-methyl-8-methylthio-5H-2,3-benzodiazepine, and 1-(4-Aminophenyl)-7-amino-4-methyl-8-methylthio-5H-2,3-benzodiazepine.

21. (amended) A composition comprising the compound of claim 20 [further comprising] and a pharmaceutically acceptable carrier.

22. (amended) The composition [compound] of claim 21 in a dosage form comprising a therapeutically effective amount of the compound for treating a disorder in a patient associated with excessive activation of the α -amino-3-hydroxy-5-methyl-4-isooxazolepropionic acid (AMPA) subtype of the ionotropic excitatory amino acid (EAA) receptors.

23. (amended) A composition comprising the [The] compound of claim 16 [further comprising] and a pharmaceutically acceptable carrier.

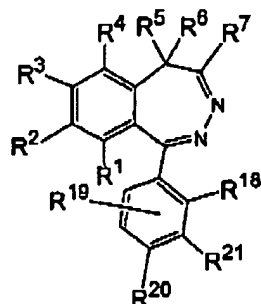
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24. (amended) The composition [compound] of claim 23 in a dosage form comprising a therapeutically effective amount of the compound for treating a disorder in a patient associated with excessive activation of the α -amino-3-hydroxy-5-methyl-4-isooxazolepropionic acid (AMPA) subtype of the ionotropic excitatory amino acid (EAA) receptors.

25. (amended) A method for treating a patient having a disorder associated with excessive activation of the α -amino-3-hydroxy-5-methyl-4-isooxazolepropionic acid (AMPA) subtype of the ionotropic excitatory amino acid (EAA) receptors, the method comprising administering to the patient, in an effective amount to alleviate the symptoms of the disorder, a compound of Formula II:



wherein

R¹, R², R³ and R⁴ are independently

H,

HO,

R¹³O-,

Halogen[(F, Cl, Br)],

C1-C3-alkyl,

CF₃,

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$R^{14}CO_2-$,

$R^{14}O_2C-$,

$R^{14}CO-$,

$R^{14}CONH-$,

$R^{14}NHCO-$,

$R^{14}NHCO_2-$,

$R^{14}OCONH-$,

$R^{14}O_2S-$,

$R^{14}OS-$,

$R^{14}S-$, or

$R^{15}R^{16}N-$; or

R^2 is one of H, HO, $R^{13}O-$, halogen, C1-C3-alkyl, CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}S-$ and $R^{15}R^{16}N-$ when R^3 is one of HO, halogen, C1-C3-alkyl, CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}S-$, and $R^{15}R^{16}N-$; or

R^2 is one of H, HO, halogen, C1-C3-alkyl, CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}S-$ and $R^{15}R^{16}N-$ when R^3 is one of H, HO, $R^{13}O-$, halogen, C1-C3-alkyl, CF_3 , $R^{14}CO_2-$, $R^{14}O_2C-$, $R^{14}CO-$, $R^{14}CONH-$, $R^{14}NHCO-$, $R^{14}NHCO_2-$, $R^{14}OCONH-$, $R^{14}O_2S-$, $R^{14}OS-$, $R^{14}S-$, and $R^{15}R^{16}N-$; or

R^1 and R^2 , or R^2 and R^3 , or R^3 and R^4 taken together can be

$-SCH_2S-$,

$-SCH_2O-$,

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.. -OCH₂S-,

-SCH₂CH₂S-,

-SCH₂CH₂O-, or

-OCH₂CH₂S-; or

one of four substituents of R¹, R², R³ and R⁴ must be C1-C3-alkoxy or C1-C3-alkylthio group;

R⁵, R⁶, and R⁷ are independently

H,

C1-C6-alkyl,

C3-C6-alkenyl,

C3-C6-cycloalkyl, or

phenyl or substituted phenyl, wherein the phenyl is substituted with one or two substituents, C1-C3-alkyl, halogen[(F, Cl, Br)], R¹³O-, CF₃-, R¹⁴O₂S-, R¹⁴OS-, R¹⁴CO, R¹⁴CO₂-, R¹⁴O₂C-, R¹⁴CONH-, R¹⁴NHCO; or

R⁵ and R⁶ taken together can be C3-C6-cycloalkyl;

R¹³ is C1-C3-alkyl;

R¹⁴ is H or C1-C3-alkyl;

R¹⁵ and R¹⁶ are independently

H,

C1-C10-alkyl,

C1-C6-perfluoroalkyl,

C3-C10-alkenyl, or

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C3-C6-cycloalkyl; or

 R^{15} and R^{16} taken together can be C3-C6-cycloalkyl;[R^{17} is C1-C6-alkyl, C3-C6-alkenyl, or C3-C6-cycloalkyl;] R^{18} and R^{19} are independently

H,

Halogen[(F, Cl, Br)],

C1-C3-alkyl,

 $R^{14}O-$, CF_3- , or $R^{14}CO_2-$; R^{20} and R^{21} are independently

H,

 $R^{15}R^{16}N-$, $R^{15}HNC(NH)-$, or $R^{14}CONH-$;

and pharmaceutically acceptable salts thereof;

wherein R^{20} and R^{21} cannot both be H,

in combination with a pharmaceutically acceptable carrier.

26. (amended) The method of claim 25 wherein, in the compound of Formula II, one of four substituents of R^1 , R^2 , R^3 and R^4 must be C1-C3-alkylthio or C1-C3-alkoxy group, the other substituents are independently H, $R^{13}O-$, $R^{13}S-$, halogen [(F, Cl, Br)], or C1-C3-alkyl; R^2 and R^3 taken together can be $-SCH_2S-$, $-SCH_2O-$, or $-OCH_2S-$;